

National Functional Guidelines Report # 4

3:53 Sat, Nov 8, 2008

Lab MITKEM (Mitkem Corporation) SDG Y4G13

Case 37947

Contract EPW05030

Region 9

DDTID 65850

SOW

SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G13 TMP-11R-25 Field Sample Soil/Low 1 28 ug/Kg		Y4G14 TMP-11R-25X Field Sample Soil/Low 1 26 ug/Kg		Y4G15 TMP-11R-30 Field Sample Soil/Low 1 13 ug/Kg		Y4G16 TMP-11R-35 Field Sample Soil/Low 1 19 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	6.7	U	6.3	U	5.6	U	5.5	U
Chloromethane	6.7	U	6.3	U	5.6	U	5.5	U
Vinyl chloride	6.7	U	6.3	U	5.6	U	5.5	U
Bromomethane	6.7	U	6.3	U	5.6	U	5.5	U
Chloroethane	6.7	U	6.3	U	5.6	U	5.5	U
Trichlorofluoromethane	6.7	U	6.3	U	5.6	U	5.5	U
1,1-Dichloroethene	6.7	U	6.3	U	5.6	U	5.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.7	U	6.3	U	5.6	U	5.5	U
Acetone	13	U	13	U	18		21	
Carbon disulfide	6.7	U	6.3	U	5.6	U	5.5	U
Methyl acetate	6.7	U	6.3	U	5.6	U	5.5	U
Methylene chloride	6.7	U	6.3	U	5.6	U	5.5	U
trans-1,2-Dichloroethene	6.7	U	6.3	U	5.6	U	5.5	U
Methyl tert-butyl ether	6.7	U	6.3	U	5.6	U	5.5	U
1,1-Dichloroethane	6.7	U	6.3	U	5.6	U	5.5	U
cis-1,2-Dichloroethene	6.7	U	6.3	U	5.6	U	5.5	U
2-Butanone	13	U	13	U	11	U	11	U
Bromochloromethane	6.7	U	6.3	U	5.6	U	5.5	U
Chloroform	6.7	U	6.3	U	5.6	U	5.5	U
1,1,1-Trichloroethane	6.7	U	6.3	U	5.6	U	5.5	U
Cyclohexane	6.7	U	6.3	U	5.6	U	5.5	U
Carbon tetrachloride	6.7	U	6.3	U	5.6	U	5.5	U
Benzene	6.7	U	6.3	U	5.6	U	5.5	U
1,2-Dichloroethane	6.7	U	6.3	U	5.6	U	5.5	U
1,4-Dioxane	130	R	130	R	110	R	110	R

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Contract EPW05030

Region 9

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Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G13 TMP-11R-25 Field Sample Soil/Low 1 28 ug/Kg		Y4G14 TMP-11R-25X Field Sample Soil/Low 1 26 ug/Kg		Y4G15 TMP-11R-30 Field Sample Soil/Low 1 13 ug/Kg		Y4G16 TMP-11R-35 Field Sample Soil/Low 1 19 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	6.7	U	6.3	U	5.6	U	5.5	U
Methylcyclohexane	6.7	U	6.3	U	5.6	U	5.5	U
1,2-Dichloropropane	6.7	U	6.3	U	5.6	U	5.5	U
Bromodichloromethane	6.7	U	6.3	U	5.6	U	5.5	U
cis-1,3-Dichloropropene	6.7	U	6.3	U	5.6	U	5.5	U
4-Methyl-2-pentanone	13	U	13	U	11	U	11	U
Toluene	6.7	U	6.3	U	5.6	U	5.5	U
trans-1,3-Dichloropropene	6.7	U	6.3	U	5.6	U	5.5	U
1,1,2-Trichloroethane	6.7	U	6.3	U	5.6	U	5.5	U
Tetrachloroethene	2.8	J	6.3	U	5.6	U	5.5	U
2-Hexanone	13	U	13	U	11	U	11	U
Dibromochloromethane	6.7	U	6.3	U	5.6	U	5.5	U
1,2-Dibromoethane	6.7	U	6.3	U	5.6	U	5.5	U
Chlorobenzene	6.7	U	6.3	U	5.6	U	5.5	U
Ethylbenzene	6.7	U	6.3	U	5.6	U	5.5	U
o-Xylene	6.7	U	6.3	U	5.6	U	5.5	U
m,p-Xylene	6.7	U	6.3	U	5.6	U	5.5	U
Styrene	6.7	U	6.3	U	5.6	U	5.5	U
Bromoform	6.7	U	6.3	U	5.6	U	5.5	U
Isopropylbenzene	6.7	U	6.3	U	5.6	U	5.5	U
1,1,2,2-Tetrachloroethane	6.7	U	6.3	U	5.6	U	5.5	U
1,3-Dichlorobenzene	6.7	U	6.3	U	5.6	U	5.5	U
1,4-Dichlorobenzene	6.7	U	6.3	U	5.6	U	5.5	U
1,2-Dichlorobenzene	6.7	U	6.3	U	5.6	U	5.5	U
1,2-Dibromo-3-chloropropane	6.7	U	6.3	U	5.6	U	5.5	U
1,2,4-Trichlorobenzene	6.7	U	6.3	U	5.6	U	5.5	U
1,2,3-Trichlorobenzene	6.7	U	6.3	U	5.6	U	5.5	U

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Lab MITKEM (Mitkem Corporation) **SDG** Y4G13 **Case** 37947 **Contract** EPW05030 **Region** 9 **DDTID** 65850 **SOW**
SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G13 TMP-11R-25 Field Sample Soil/Low 1 28 ug/Kg	Y4G14 TMP-11R-25X Field Sample Soil/Low 1 26 ug/Kg	Y4G15 TMP-11R-30 Field Sample Soil/Low 1 13 ug/Kg	Y4G16 TMP-11R-35 Field Sample Soil/Low 1 19 ug/Kg				
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.67	U	0.63	U	0.56	U	0.55	U
Isopropanol	33	R	31	R	28	R	28	R

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Lab MITKEM (Mitkem Corporation) SDG Y4G13

Case 37947

Contract EPW05030

Region 9

DDTID 65850

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Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level	Y4G17 TMP-11R-40 Field Sample Soil/Low		Y4G18 TMP-11R-45 Field Sample Soil/Low		Y4G19 TMP-11R-50 Field Sample Soil/Low		Y4G21 TMP-11R-55 Field Sample Soil/Low		Y4G22 TMP-11R-60 Field Sample Soil/Low	
Dilution Factor % Moisture Units	1 2 ug/Kg	1 9 ug/Kg	1 9 ug/Kg	1 16 ug/Kg	1 16 ug/Kg	1 15 ug/Kg	1 15 ug/Kg	1 18 ug/Kg	1 18 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Chloromethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Vinyl chloride	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Bromomethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Chloroethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Trichlorofluoromethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,1-Dichloroethene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,1,2-Trichloro-1,2,2-trifluoroethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Acetone	13		15		15		18		12	U
Carbon disulfide	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Methyl acetate	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Methylene chloride	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
trans-1,2-Dichloroethene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Methyl tert-butyl ether	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,1-Dichloroethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
cis-1,2-Dichloroethene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
2-Butanone	8.8	U	9.5	U	8.9	U	11	U	12	U
Bromochloromethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Chloroform	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,1,1-Trichloroethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Cyclohexane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Carbon tetrachloride	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Benzene	4.4	U	4.7	U	4.4	U	2.2	J	5.9	U
1,2-Dichloroethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,4-Dioxane	88	R	95	R	89	R	110	R	120	R

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Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G17 TMP-11R-40 Field Sample Soil/Low 1 2 ug/Kg		Y4G18 TMP-11R-45 Field Sample Soil/Low 1 9 ug/Kg		Y4G19 TMP-11R-50 Field Sample Soil/Low 1 16 ug/Kg		Y4G21 TMP-11R-55 Field Sample Soil/Low 1 15 ug/Kg		Y4G22 TMP-11R-60 Field Sample Soil/Low 1 18 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Methylcyclohexane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,2-Dichloropropane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Bromodichloromethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
cis-1,3-Dichloropropene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
4-Methyl-2-pentanone	8.8	U	9.5	U	8.9	U	11	U	12	U
Toluene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
trans-1,3-Dichloropropene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,1,2-Trichloroethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Tetrachloroethylene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
2-Hexanone	8.8	U	9.5	U	8.9	U	11	U	12	U
Dibromochloromethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,2-Dibromoethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Chlorobenzene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Ethylbenzene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
o-Xylene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
m,p-Xylene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Styrene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Bromoform	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
Isopropylbenzene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,1,2,2-Tetrachloroethane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,3-Dichlorobenzene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,4-Dichlorobenzene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,2-Dichlorobenzene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,2-Dibromo-3-chloropropane	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,2,4-Trichlorobenzene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U
1,2,3-Trichlorobenzene	4.4	U	4.7	U	4.4	U	5.3	U	5.9	U

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Contract EPW05030

Region 9

DDTID 65850

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SOM01.2

Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level	Y4G17 TMP-11R-40 Field Sample Soil/Low 1 2 ug/Kg	Y4G18 TMP-11R-45 Field Sample Soil/Low 1 9 ug/Kg	Y4G19 TMP-11R-50 Field Sample Soil/Low 1 16 ug/Kg	Y4G21 TMP-11R-55 Field Sample Soil/Low 1 15 ug/Kg	Y4G22 TMP-11R-60 Field Sample Soil/Low 1 18 ug/Kg					
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.44	U	0.47	U	0.44	U	0.53	U	0.59	U
Isopropanol	22	R	24	R	22	R	26	R	29	R

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Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G23 TMP-11R-65 Field Sample Soil/Low 1 19 ug/Kg		Y4G24 TMP-11R-70 Field Sample Soil/Low 1 12 ug/Kg		Y4G25 TMP-11R-70X Field Sample Soil/Low 1 13 ug/Kg		Y4G26 TMP-11R-75 Field Sample Soil/Low 1 21 ug/Kg		Y4G26MS Matrix Spike Soil/Low 1 21 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Chloromethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Vinyl chloride	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Bromomethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Chloroethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Trichlorofluoromethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,1-Dichloroethene	6.4	U	5.4	U	5.3	U	6.6	U	49	
1,1,2-Trichloro-1,2,2-trifluoroethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Acetone	23		21		15		63		66	
Carbon disulfide	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Methyl acetate	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Methylene chloride	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
trans-1,2-Dichloroethene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Methyl tert-butyl ether	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,1-Dichloroethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
cis-1,2-Dichloroethene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
2-Butanone	13	U	11	U	11	U	13	U	12	U
Bromochloromethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Chloroform	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,1,1-Trichloroethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Cyclohexane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Carbon tetrachloride	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Benzene	6.4	U	5.4	U	5.3	U	3.7	J	63	
1,2-Dichloroethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,4-Dioxane	130	R	110	R	110	R	130	R	120	R

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Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G23 TMP-11R-65 Field Sample Soil/Low 1 19 ug/Kg		Y4G24 TMP-11R-70 Field Sample Soil/Low 1 12 ug/Kg		Y4G25 TMP-11R-70X Field Sample Soil/Low 1 13 ug/Kg		Y4G26 TMP-11R-75 Field Sample Soil/Low 1 21 ug/Kg		Y4G26MS Matrix Spike Soil/Low 1 21 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	6.4	U	5.4	U	5.3	U	40		100	
Methylcyclohexane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,2-Dichloropropane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Bromodichloromethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
cis-1,3-Dichloropropene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
4-Methyl-2-pentanone	13	U	11	U	11	U	13	U	12	U
Toluene	6.4	U	5.4	U	5.3	U	6.6	U	59	
trans-1,3-Dichloropropene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,1,2-Trichloroethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Tetrachloroethene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
2-Hexanone	13	U	11	U	11	U	13	U	12	U
Dibromochloromethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,2-Dibromoethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Chlorobenzene	6.4	U	5.4	U	5.3	U	6.6	U	59	
Ethylbenzene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
o-Xylene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
m,p-Xylene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Styrene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Bromoform	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
Isopropylbenzene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,1,2,2-Tetrachloroethane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,3-Dichlorobenzene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,4-Dichlorobenzene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,2-Dichlorobenzene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,2-Dibromo-3-chloropropane	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,2,4-Trichlorobenzene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U
1,2,3-Trichlorobenzene	6.4	U	5.4	U	5.3	U	6.6	U	6.0	U

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Contract EPW05030

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Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level	Y4G23 TMP-11R-65 Field Sample Soil/Low 1 19 ug/Kg	Y4G24 TMP-11R-70 Field Sample Soil/Low 1 12 ug/Kg	Y4G25 TMP-11R-70X Field Sample Soil/Low 1 13 ug/Kg	Y4G26 TMP-11R-75 Field Sample Soil/Low 1 21 ug/Kg	Y4G26MS Matrix_Spike Soil/Low 1 21 ug/Kg					
Dilution Factor % Moisture Units	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.64	U	0.54	U	0.53	U	0.66	U	0.60	U
Isopropanol	32	R	27	R	27	R	33	R	30	R

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SOM01.2

Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G26MSD		Y4G27 TMP-11R-80 Field Sample Soil/Low 1 14 ug/Kg		Y4G28 TMP-11R-85 Field Sample Soil/Low 1 26 ug/Kg		Y4G29 TMP-11R-90 Field Sample Soil/Low 1 27 ug/Kg		Y4G29RE Field Sample Soil/Low 1 27 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Chloromethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Vinyl chloride	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Bromomethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Chloroethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Trichlorofluoromethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
1,1-Dichloroethene	57		5.8	U	5.4	U	6.6	U	6.5	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Acetone	57		12	U	18		89		92	
Carbon disulfide	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Methyl acetate	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Methylene chloride	5.9	U	3.1	J	5.4	U	6.6	U	6.5	U
trans-1,2-Dichloroethene	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Methyl tert-butyl ether	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
1,1-Dichloroethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
cis-1,2-Dichloroethene	5.9	U	5.8	U	6.6		13		5.6	J
2-Butanone	12	U	12	U	11	U	13	U	13	U
Bromochloromethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Chloroform	5.9	U	5.8	U	2.6	J	6.6	U	6.5	U
1,1,1-Trichloroethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Cyclohexane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Carbon tetrachloride	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Benzene	70		5.8	U	5.4	U	12	J	11	
1,2-Dichloroethane	5.9	U	5.8	UJ	5.4	U	6.6	U	6.5	U
1,4-Dioxane	120	R	120	R	110	R	130	R	130	R

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Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G26MSD Matrix_Spike_Duplicate Soil/Low 1 21 ug/Kg	Y4G27 TMP-11R-80 Field_Sample Soil/Low 1 14 ug/Kg	Y4G28 TMP-11R-85 Field_Sample Soil/Low 1 26 ug/Kg	Y4G29 TMP-11R-90 Field_Sample Soil/Low 1 27 ug/Kg	Y4G29RE Field_Sample Soil/Low 1 27 ug/Kg					
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	100		5.8	U	77		200		110	
Methylcyclohexane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
1,2-Dichloropropane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Bromodichloromethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
cis-1,3-Dichloropropene	5.9	U	5.8	U	5.4	U	6.6	UJ	6.5	U
4-Methyl-2-pentanone	12	U	12	U	11	U	13	U	13	U
Toluene	68		5.8	U	5.4	U	5.7	J	4.6	J
trans-1,3-Dichloropropene	5.9	U	5.8	U	5.4	U	6.6	UJ	6.5	U
1,1,2-Trichloroethane	5.9	U	5.8	U	5.4	U	6.6	UJ	6.5	U
Tetrachloroethene	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
2-Hexanone	12	U	12	U	11	U	13	U	13	U
Dibromochloromethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
1,2-Dibromoethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Chlorobenzene	68		5.8	U	5.4	U	6.6	U	6.5	U
Ethylbenzene	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
o-Xylene	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
m,p-Xylene	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Styrene	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
Bromoform	5.9	R	5.8	U	5.4	U	6.6	R	6.5	R
Isopropylbenzene	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
1,1,2,2-Tetrachloroethane	5.9	U	5.8	U	5.4	U	6.6	U	6.5	U
1,3-Dichlorobenzene	5.9	R	5.8	U	5.4	U	6.6	R	6.5	R
1,4-Dichlorobenzene	5.9	R	5.8	U	5.4	U	6.6	R	6.5	R
1,2-Dichlorobenzene	5.9	R	5.8	U	5.4	U	6.6	R	6.5	R
1,2-Dibromo-3-chloropropane	5.9	R	5.8	U	5.4	U	6.6	R	6.5	R
1,2,4-Trichlorobenzene	5.9	R	5.8	U	5.4	U	6.6	R	6.5	R
1,2,3-Trichlorobenzene	5.9	R	5.8	U	5.4	U	6.6	R	6.5	R

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Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G26MSD Matrix_Spike_Duplicate Soil/Low 1 21 ug/Kg	Y4G27 TMP-11R-80 Field_Sample Soil/Low 1 14 ug/Kg	Y4G28 TMP-11R-85 Field_Sample Soil/Low 1 26 ug/Kg	Y4G29 TMP-11R-90 Field_Sample Soil/Low 1 27 ug/Kg	Y4G29RE Field_Sample Soil/Low 1 27 ug/Kg					
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.59	U	0.58	U	0.54	U	0.66	U	0.65	U
Isopropanol	29	R	29	R	27	R	33	R	32	R

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Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G30 TMP-11R-95 Field Sample Soil/Low 1 25 ug/Kg		Y4G32 TMP-05R Field Sample Soil/Low 1 17 ug/Kg		Y4G33 TMP-05R-25X Field Sample Soil/Low 1 17 ug/Kg		Y4G34 TMP-05R-30 Field Sample Soil/Low 1 15 ug/Kg		VBLKQ5 Method Blank Soil/Low 1 0 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Dichlorodifluoromethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Chloromethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Vinyl chloride	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Bromomethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Chloroethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Trichlorofluoromethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,1-Dichloroethene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Acetone	13	U	11	U	13	U	11	U	10	U
Carbon disulfide	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Methyl acetate	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Methylene chloride	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
trans-1,2-Dichloroethene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Methyl tert-butyl ether	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,1-Dichloroethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
cis-1,2-Dichloroethene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
2-Butanone	13	U	11	U	13	U	11	U	10	U
Bromochloromethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Chloroform	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,1,1-Trichloroethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Cyclohexane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Carbon tetrachloride	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Benzene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,2-Dichloroethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,4-Dioxane	130	R	110	R	130	R	110	R	100	R

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VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	Y4G30 TMP-11R-95 Field Sample Soil/Low 1 25 ug/Kg		Y4G32 TMP-05R Field Sample Soil/Low 1 17 ug/Kg		Y4G33 TMP-05R-25X Field Sample Soil/Low 1 17 ug/Kg		Y4G34 TMP-05R-30 Field Sample Soil/Low 1 15 ug/Kg		VBLKQ5 Method Blank Soil/Low 1 0 ug/Kg	
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Trichloroethene	5.0	J	5.6	U	6.4	U	5.7	U	5.0	U
Methylcyclohexane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,2-Dichloropropane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Bromodichloromethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
cis-1,3-Dichloropropene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
4-Methyl-2-pentanone	13	U	11	U	13	U	11	U	10	U
Toluene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
trans-1,3-Dichloropropene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,1,2-Trichloroethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Tetrachloroethylene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
2-Hexanone	13	U	11	U	13	U	11	U	10	U
Dibromochloromethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,2-Dibromoethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Chlorobenzene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Ethylbenzene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
o-Xylene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
m,p-Xylene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Styrene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Bromoform	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
Isopropylbenzene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,1,2,2-Tetrachloroethane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,3-Dichlorobenzene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,4-Dichlorobenzene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,2-Dichlorobenzene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,2-Dibromo-3-chloropropane	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,2,4-Trichlorobenzene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U
1,2,3-Trichlorobenzene	6.3	U	5.6	U	6.4	U	5.7	U	5.0	U

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VOA Low Med 9Z

Sample Location Type Matrix/Level	Y4G30 TMP-11R-95 Field Sample Soil/Low 1 25 ug/Kg	Y4G32 TMP-05R Field Sample Soil/Low 1 17 ug/Kg	Y4G33 TMP-05R-25X Field Sample Soil/Low 1 17 ug/Kg	Y4G34 TMP-05R-30 Field Sample Soil/Low 1 15 ug/Kg	VBLKQ5 Method Blank Soil/Low 1 0 ug/Kg					
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.63	U	0.56	U	0.64	U	0.57	U	0.50	U
Isopropanol	31	R	28	R	32	R	28	R	25	R

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Final Flag Results

VOA Low Med 1A

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLKS5		VBLKU5		VBLKW5		VHBLKW5	
	Method Blank Soil/Low 1 0 ug/Kg		Method Blank Soil/Low 1 0 ug/Kg		Method Blank Soil/Low 1 0 ug/Kg		Storage Blank Soil/Low 1 0 ug/Kg	
	Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result
Dichlorodifluoromethane	5.0	U	5.0	U	5.0	U	5.0	U
Chloromethane	5.0	U	5.0	U	5.0	U	5.0	U
Vinyl chloride	5.0	U	5.0	U	5.0	U	5.0	U
Bromomethane	5.0	U	5.0	U	5.0	U	5.0	U
Chloroethane	5.0	U	5.0	U	5.0	U	5.0	U
Trichlorofluoromethane	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloro-1,2,2-trifluoroethane	5.0	U	5.0	U	5.0	U	5.0	U
Acetone	10	U	10	U	10	U	10	U
Carbon disulfide	5.0	U	5.0	U	5.0	U	5.0	U
Methyl acetate	5.0	U	5.0	U	5.0	U	5.0	U
Methylene chloride	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U
Methyl tert-butyl ether	5.0	U	5.0	U	5.0	U	5.0	U
1,1-Dichloroethane	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,2-Dichloroethene	5.0	U	5.0	U	5.0	U	5.0	U
2-Butanone	10	U	10	U	10	U	10	U
Bromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U
Chloroform	5.0	U	5.0	U	5.0	U	5.0	U
1,1,1-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U
Cyclohexane	5.0	U	5.0	U	5.0	U	5.0	U
Carbon tetrachloride	5.0	U	5.0	U	5.0	U	5.0	U
Benzene	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloroethane	5.0	U	5.0	U	5.0	UJ	5.0	UJ
1,4-Dioxane	100	R	100	R	100	R	100	R

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Final Flag Results

VOA Low Med 1B

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLKS5		VBLKU5		VBLKW5		VHBLKW5	
	Method Blank Soil/Low 1 0 ug/Kg	Method Blank Soil/Low 1 0 ug/Kg		Method Blank Soil/Low 1 0 ug/Kg			Storage Blank Soil/Low 1 0 ug/Kg	
		NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result		
Trichloroethene	5.0	U	5.0	U	5.0	U	5.0	U
Methylcyclohexane	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichloropropane	5.0	U	5.0	U	5.0	U	5.0	U
Bromodichloromethane	5.0	U	5.0	U	5.0	U	5.0	U
cis-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U
4-Methyl-2-pentanone	10	U	10	U	10	U	10	U
Toluene	5.0	U	5.0	U	5.0	U	5.0	U
trans-1,3-Dichloropropene	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2-Trichloroethane	5.0	U	5.0	U	5.0	U	5.0	U
Tetrachloroethene	5.0	U	5.0	U	5.0	U	5.0	U
2-Hexanone	10	U	10	U	10	U	10	U
Dibromochloromethane	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromoethane	5.0	U	5.0	U	5.0	U	5.0	U
Chlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
Ethylbenzene	5.0	U	5.0	U	5.0	U	5.0	U
o-Xylene	5.0	U	5.0	U	5.0	U	5.0	U
m,p-Xylene	5.0	U	5.0	U	5.0	U	5.0	U
Styrene	5.0	U	5.0	U	5.0	U	5.0	U
Bromoform	5.0	U	5.0	U	5.0	U	5.0	U
Isopropylbenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,1,2,2-Tetrachloroethane	5.0	U	5.0	U	5.0	U	5.0	U
1,3-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,4-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,2-Dibromo-3-chloropropane	5.0	U	5.0	U	5.0	U	5.0	U
1,2,4-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U
1,2,3-Trichlorobenzene	5.0	U	5.0	U	5.0	U	5.0	U

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Final Flag Results

VOA Low Med 9Z

Sample Location Type Matrix/Level Dilution Factor % Moisture Units	VBLKS5		VBLKU5		VBLKW5		VHBLKW5	
	Method Blank Soil/Low 1 0 ug/Kg	Method Blank Soil/Low 1 0 ug/Kg	Method Blank Soil/Low 1 0 ug/Kg	Storage Blank Soil/Low 1 0 ug/Kg	NFG Result	NFG Flag	NFG Result	NFG Flag
Compound	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag	NFG Result	NFG Flag
Hexane	0.50	U	0.50	U	0.50	U	0.50	U
Isopropanol	25	R	25	R	25	R	25	R